

Title (en)  
WORK MACHINE WITH BOOM STOP

Title (de)  
ARBEITSMASCHINE MIT AUSLEGERANSCHLAG

Title (fr)  
ROBOT AVEC ARRÊT DE FLÈCHE

Publication  
**EP 1812656 A1 20070801 (EN)**

Application  
**EP 05796312 A 20050907**

Priority  
• US 2005032232 W 20050907  
• US 94423104 A 20040917

Abstract (en)  
[origin: US2006062662A1] A work machine has a lift arm assembly pivotably coupled to a frame assembly at a forward frame pivot. The lift arm assembly includes a pair of spaced-apart lift arms and an extensible lift cylinder. The lift cylinder is pivotably coupled to the lift arms at a lift cylinder connection pivot. The lift cylinder is pivotably coupled to the frame assembly such that extension of the lift cylinder moves the lift arms with respect to the frame assembly about the frame pivot. A boom stop is pivotably coupled to the lift cylinder connection pivot. The boom stop is movable from an inoperable position with a remote end adjacent the lift arms to an operable position wherein the boom stop engages the frame assembly and prevents lowering movement of the lift arms with respect to the frame assembly. The lift arm assembly also can include a latch assembly coupled to one of the lift arms for holding the boom stop in the inoperable position.

IPC 8 full level  
**E02F 9/24** (2006.01); **E02F 3/38** (2006.01)

CPC (source: EP US)  
**E02F 3/388** (2013.01 - EP US); **E02F 9/24** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006033867A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 2006062662 A1 20060323; US 7160076 B2 20070109**; CA 2579106 A1 20060330; CN 101023223 A 20070822; EP 1812656 A1 20070801; WO 2006033867 A1 20060330

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